

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((("4450436") or ("5999089") or ("4417235"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/24 18:11
S2	4	("20030179090"   "4417235"   "4450436"   "5999089").PN.	US-PGPUB; USPAT	OR	ON	2008/03/24 18:14
S3	616	340/692.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/24 18:19
S4	15	(fire near3 alarm) and (sound near2 amplifier)	US-PGPUB; USPAT	OR	ON	2008/03/25 10:18
S5	3	((("5349338") or ("4446454") or ("4570155"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/25 10:34
S6	6	((("3513463") or ("4346374") or ("4838283") or ("5084697") or ("4570155"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/25 10:38
S8	630	alarm same (loud near4 sound)	US-PGPUB; USPAT	OR	ON	2008/03/25 12:57
S9	207	S8 and (fire or smoke)	US-PGPUB; USPAT	OR	ON	2008/03/25 13:01
S10	147	S9 and @ad<="20031022"	US-PGPUB; USPAT	OR	ON	2008/03/25 13:03
S12	93	S9 and (recogniz\$5 or recognis\$5)	US-PGPUB; USPAT	OR	ON	2008/03/25 13:54
S13	9370	alarm same (reproduc\$3 or repeater or amplifier)	US-PGPUB; USPAT	OR	ON	2008/03/25 15:36
S14	625	S13 same (fire or smoke)	US-PGPUB; USPAT	OR	ON	2008/03/25 15:36
S15	540	S14 and @ad<="20031222"	US-PGPUB; USPAT	OR	ON	2008/03/25 15:36
S16	211	S15 and sound	US-PGPUB; USPAT	OR	ON	2008/03/25 15:48

S17	35	(US-20030179090-\$ or US-20040155770-\$ or US-20030144847-\$ or US-20040090340-\$ or US-20040028190-\$ or US-20020145522-\$ or US-20020030600-\$ or US-20060139153-\$ or US-20040145467-\$ or US-20030098790-\$ or US-20030058093-\$).did. or (US-5999089-\$ or US-4450436-\$ or US-4417235-\$ or US-5349338-\$ or US-4570155-\$ or US-4446454-\$ or US-5084697-\$ or US-4346374-\$ or US-4838283-\$ or US-3513463-\$ or US-7026945-\$ or US-6802277-\$ or US-6796799-\$ or US-6541894-\$ or US-5986540-\$ or US-5012223-\$ or US-4821026-\$ or US-3644912-\$ or US-6522248-\$ or US-5663714-\$ or US-4237449-\$ or US-4189720-\$ or US-4100543-\$).did. or (US-3513463-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 17:53
S18	18	S17 and (record\$3 or microphone)	US-PGPUB; USPAT	OR	ON	2008/03/25 17:54
S19	24	S17 and light	US-PGPUB; USPAT	OR	ON	2008/03/25 18:26
S20	234	(fire adj alarm) and (strobe adj light)	US-PGPUB; USPAT	OR	ON	2008/03/25 18:33
S21	148	S20 and @ad<="20031222"	US-PGPUB; USPAT	OR	ON	2008/03/25 18:33
S22	56	S21 and (fire adj alarm same strobe adj light)	US-PGPUB; USPAT	OR	ON	2008/03/25 18:37
S23	38	(US-20030179090-\$ or US-20040155770-\$ or US-20030144847-\$ or US-20040090340-\$ or US-20040028190-\$ or US-20020145522-\$ or US-20020030600-\$ or US-20060139153-\$ or US-20040145467-\$ or US-20030098790-\$ or US-20030058093-\$ or US-20050078003-\$).did. or (US-5999089-\$ or US-4450436-\$ or US-4417235-\$ or US-	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 08:57

		5349338-\$ or US-4570155-\$ or US-4446454-\$ or US-5084697-\$ or US-4346374-\$ or US-4838283-\$ or US-3513463-\$ or US-7026945-\$ or US-6802277-\$ or US-6796799-\$ or US-6541894-\$ or US-5986540-\$ or US-5012223-\$ or US-4821026-\$ or US-3644912-\$ or US-6522248-\$ or US-5663714-\$ or US-4237449-\$ or US-4189720-\$ or US-4100543-\$ or US-6011465-\$ or US-5982275-\$.did. or (US-3513463-\$.did.				
S24	5	S23 and record\$3 and play \$3	US-PGPUB; USPAT	OR	ON	2008/03/26 08:59
S25	9	((("6522248") or ("20040145467") or ("5982275") or ("5663714") or ("5349338") or ("20030179090") or ("20020030600") or ("20040090340") or ("20040155770")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/26 09:42
S26	1	("20070096931").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/28 09:30
S27	1	("5012223").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/24 12:32
S28	38	(US-20030179090-\$ or US-20040155770-\$ or US-20030144847-\$ or US-20040090340-\$ or US-20040028190-\$ or US-20020145522-\$ or US-20020030600-\$ or US-20060139153-\$ or US-20040145467-\$ or US-20030098790-\$ or US-20030058093-\$ or US-20050078003-\$.did. or (US-5999089-\$ or US-4450436-\$ or US-4417235-\$ or US-5349338-\$ or US-4570155-\$ or US-4446454-\$ or US-5084697-\$ or US-4346374-\$ or US-4838283-\$ or US-3513463-\$ or US-7026945-\$ or US-6802277-\$ or US-6796799-\$ or US-6541894-\$	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/24 12:36

		or US-5986540-\$ or US-5012223-\$ or US-4821026-\$ or US-3644912-\$ or US-6522248-\$ or US-5663714-\$ or US-4237449-\$ or US-4189720-\$ or US-4100543-\$ or US-6011465-\$ or US-5982275-\$).did. or (US-3513463-\$).did.				
S29	4	S28 and strobe	US-PGPUB; USPAT	OR	OFF	2008/10/24 12:36
S31	3	S28 and playback	US-PGPUB; USPAT	OR	OFF	2008/10/24 14:31
S32	0	piezoelectric same diaphragms same Helmholtz same resonator	US-PGPUB; USPAT	OR	OFF	2008/10/24 15:53
S33	11	Helmholtz same resonator	US-PGPUB; USPAT	OR	OFF	2008/10/24 15:54
S34	1	S33 and piezoelectric	US-PGPUB; USPAT	OR	OFF	2008/10/24 15:54
S35	1	S33 and piezo-electric	US-PGPUB; USPAT	OR	OFF	2008/10/24 15:54
S36	1	"4602245".pn.	US-PGPUB; USPAT	OR	OFF	2008/10/24 15:57
S37	4	((("5012223") or ("6011465") or ("5349338") or ("4602245"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/24 16:20
S38	874	340/628.ccls.	US-PGPUB; USPAT	OR	OFF	2008/10/24 16:24

10/ 27/ 2008 9:46:03 AM

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